

Title: **MEDICAL DEVICE AND METHODS OF USE**
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Medtronic Docket No. (P-8573)

ABSTRACT

MEDICAL DEVICE AND METHODS OF USE

The present invention provides a medical device that includes a carrier and a polynucleotide, where the carrier has a surface that includes a polymer with which the polynucleotide is associated. In another aspect, the present invention provides a medical device that includes a carrier and a cell that expresses an antimicrobial peptide, where the carrier has a surface that includes a polymer with which the cell is associated. The present invention further provides methods of making and using medical devices that include a carrier and a polynucleotide or a cell.

09/727461-120400